

Figure 1

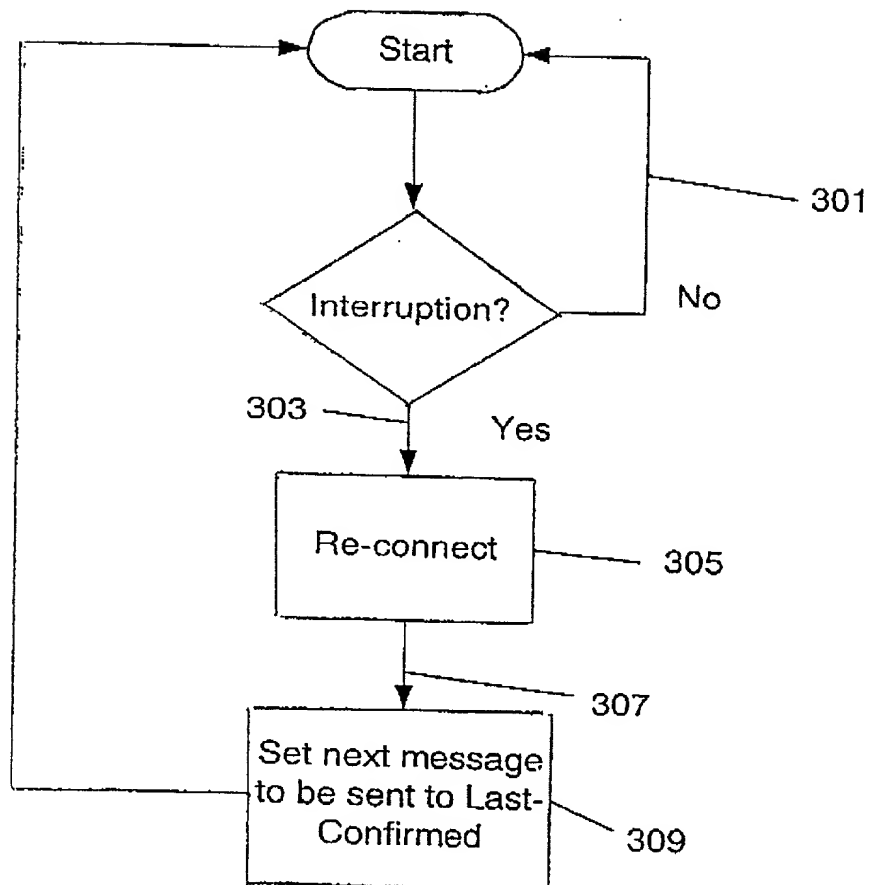
IM Server Circular Array for its Buffer System

Position	201	202	203	204	205	206	207	208
1	639189336647	639175336647	639175336647	Message	Retrieved	Sent	Confirmed	Processed
2	639195540138	639175256752	639175256752	Where...	0	0	0	0
3	639178139331	639178139331	639178139331	Please...	0	0	0	0
4	639175249829	639175399043	639175399043	Chicks...	0	0	0	0
5	639189999999	639179984623	639179984623	How...	0	0	0	0
6	639189999999	639189266537	639189266537	Good...	0	0	0	0
...

SMSC Buffer Server Circular Array

Position	201	202	203	204	205	206	207	208
1	639189336647	639175336647	639175336647	Message	Retrieved	Sent	Confirmed	Processed
2	639195540138	639175256752	639175256752	Where...	0	0	0	0
3	639178139331	639178139331	639178139331	Please...	0	0	0	0
4	639175249829	639175399043	639175399043	Chicks...	0	0	0	0
5	639189999999	639179984623	639179984623	How...	0	0	0	0
6	639189999999	639189266537	639189266537	Good...	0	0	0	0
...

Figure 2

**Figure 3**